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February 26, 1997

Federal Communications Communication SAN FRANCISCO OFFICE

William F. Caton **Acting Secretary Federal Communications Commission** 1919 M Street, N.W., Room 222 Washington, D.C. 20554

Re:

In the Matter of Federal-State Joint Board on Universal Service

CC Docket No. 96-45

Ex Parte Presentation -- Revised

Dear Mr. Caton:

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At the request of John F. Clark of the Common Carrier Bureau, this letter revises the ex parte letter filed on February 21, 1997 in the above captioned matter.

On February 21, 1997, Donn T. Wonnell of Pacific Telecom, Inc. ("PTI") and Teresa D. Baer of Latham & Watkins met with John F. Clark of the Common Carrier Bureau to discuss universal service matters.

The enclosed materials were distributed to Mr. Clark during the meeting. As discussed with Mr. Clark, the figures specified in the enclosed materials, except for the four pages of excerpts from the tariffs of Telephone Utilities of Oregon, Inc. and Telephone Utilities of Washington, Inc., are based on anecdotal information and are for illustrative purposes only. The information is not intended for use in a quantitative analysis of rural telemedicine.

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LATHAM & WATKINS

William F. Caton Acting Secretary Federal Communications Commission February 26, 1997 Page 2

The original and two copies of this letter are enclosed.

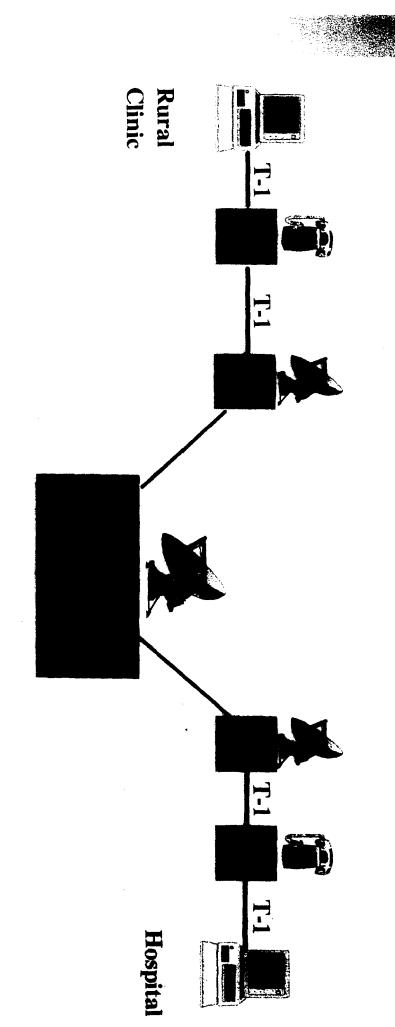
Very truly yours,

Teresa D. Baer

Enclosures cc (w/o enclosures):

John F. Clark Donn T. Wonnell

Rural Telemedicine Network



Rural Medical Provider



Rural Telemedicine



Medical
Information
Advice

<u>Service</u>		Applications	Pricing	
		CAT scan		
4	ISDN	MRI	< 80 hrs per month	
	bandwidth (384 kbps)	Interactive video	\$2,400 - \$5,300	
		CAT scan		
		MRI		
o	Frame Relay	Interactive video	>80 hrs per month	
	bandwidth (384 kbps)	Educational	\$2,600-\$5,600	
		C AT		
		CAT scan	The same and a second of the same	
		MRI		
		Interactive video		
	ATM	On-line records	्रावस्थान का अपने का	
)		Digital radiology	\$7,600 per manth	
	bandwidth (OC 12)	Educational	\$7,600 per month	





Rural Telemedicine



Medical
Information
Advice

Service

Applications



Plain Telephone Service bandwidth (28.8 kbps)

Simple x-ray (5 min) Trauma x-ray (40 min) EKG

Local service per minute plus long distance charges





Switch 56 CAT scan bandwidth (56 kbps) MRI

Trauma x-ray (20 min)
EKG
CAT scan
MRI

Simple x-ray (2.5 min)

\$18-\$32 per month plus \$.06-\$.12 per minute



Oregon

U S West							
	Voice	56 Kps	DS1	DS3			
Transport Mile	cage	***					
0 to 8 Miles							
Fixed	14.20	14.20	150.00	310.00			
Per mile	2.70	2.70	11.00	43.00			
8 to 25 Miles							
Fixed	16.60	16.60					
Per mile	2.25	2.25	15.00	43.00			
25 - 50 Miles							
Fixed	23.60	23.60	250.00	380.00			
Per mile	1.90	1.90	17.00	44.00			
Over 50 Miles							
Fixed	40.35	40.35	250.00	410.00			
Per mile	1.55	1.55 ***	17.00	50.00			
	2.4 Kbps						
4.8 Kpbs							
9.6 Kbps							
19.2 Kbps							
56 Kbps							
64 Kbps							

-----PTI Communications-----Voice 56 Kps DS1 DS3

Transport Mileage ***

0 to maximum

Fixed 72.58 72.58 390.00 NA

Per mile 2.33 2.33 14.25 NA

2.4 Kbps 4.8 Kpbs 9.6 Kbps 19.2 Kbps 56 Kbps 64 Kbps

Washington

US West-							
	Voice	56 Kps	DS1	DS3			
Transport Mi	leage	+++					
0 to 8							
Fixed	30.95	30.95	73.86	590.90			
Per mile	2.05	2.05	2.04	51.26			
8 to 25							
Fixed	34.95	34.95	74.22	5 9 3.75			
Per mile	1.55	1.55	2.86	35.15			
25 - 50							
Fixed	38.70	38.70	74.81	598.50			
Per mile	1.40	1.40	2.65	51.11			
Over 50							
Fixed	51.20	51.20	77.43	619.40			
Per mile	1.15	1.15	2.86	57.92			
2.4 Kbps							
4.8 Kpbs							
9.6 Kbps							
19.2 Kbps							
56 Kbps							
64 Kbps							

PTI	Com	muni	cations	S	
	Voice	56 Kps	DS1	DS3	
Transport Miles	age	***			
0 to maximum					
Fixed	72.58	72.58	325.00	NA	
Per mile	2.33	2.33	14.25	NA	

	2.4 Kbps				
	4.5	8 Kpbs			
		6 Kbps			
		2 Kbps			
		6 Kbps			
		4 Kbps			

Schedule 13 Second Revised Sheet No. 13.1 Cancelling First Revised Sheet No. 13.1

P.U.C. Or. No. 2

TELEPHONE UTILITIES OF OREGON, INC.

SCHEDULE 13

(M)

LINE EXTENSION SERVICE

(T)

A. CONDITIONS

- 1. Line extensions charges are applicable in connection with all classes, types and grades of service when established by means of extension to the Company's plant consisting of buried wire, pole construction or power line carrier and including extensions, but means of poles to be owned by the Company jointly with others and by means of contacts or contact space on poles of others.
- 2. All line extensions will be owned and maintained by the Company. The applicant, however, if he so elects, may provide such material or perform such labor in accordance with construction standards of the Company, in lieu of the charges applicable, but in all instances the ownership of facilities shall be entirely vested in the Company.
- 3. Distances mentioned in this schedule are route distances. The routing of line extension will be determined by the Company and will be the shortest and most logical route possible.
- 4. Line extension charges will be paid before construction is started.
- 5. In the event that new customers, or a new customer, are added to a line extension within two years of its completion, the line extension charges will be recomputed to include the subsequent customers. Credit, in the form of a cash payment, will be allowed the original customers of the difference in previous payments and the new charges.
- When a customer on a line extension project disconnects his service, no refund is made of the charges.
- (M) Material formerly on this Sheet now appears on Sheet No. 13.2

Advice No. 100

Issued October 10, 1989 Effective November 22, 1989

Issued By Telephone Utilities of Oregon, Inc.

By Robert N. Brown Title: Manager, Tariffs



Schedule 13 Second Revised Sheet No. 13.2 Cancelling

P.U.C. Or. No. 2

First Revised Sheet No. 13.2

TELEPHONE UTILITIES OF OREGON, INC.

SCHEDULE 13

LINE EXTENSION SERVICE

A. CONDITIONS (Continued)

(T)

 A departure from the rates and special conditions specified in this schedule may be made on behalf of the Company when a line extension involves unusual or disproportionately large construction expenditures. Charges under this condition will be actual cost of construction.

A Line extension into a real estate subdivision (Rates Paragraph 3) will be made by the Company upon payment in advance by the owner or subdivider of the total estimated cost of such extension.

8. Line extensions attached or connected to facilities not owned by the Company shall be considered as a line extension to present plant and charges apply in Rates Paragraph 2 preceding.

RATES

(T)

Non-Recurring (M) Charges

1. Line extension within the base rate area

None

2. Line extensions outside the base rate area in excess of 1,000 feet will be charged on a route measurement basis, per foot

\$.75

3. Real estate subdivisions: Extensions made to outside plant into tracts or sub divisions will be made on the basis of a special contract, based on actual cost, between the Company and the owners of the real estate or the subdivider theroof.

(M)

(M) Material on this Sheet formerly appeared on Sheet No. 23.1

Advice No. 100

Issued October 10, 1989 Effective November 22, 1989

.ssued By Telephone Utilities of Oregon, Inc.

By Robert N. Brown Title: Manager, Tariffs

TELEPHONE UTILITIES OF WASHINGTON, INC.

SCHEDULE 13

LINE EXTENSION SERVICE

RATES

Non-Recurring Charges

 Line extensions within the base rate area with the exception of item 3. below

None

 Line extensions outside the base rate area in excess of one-tenth mile will be made at the following charges:

(C)

Per each one-tenth mile, route measurement

\$396.00

(C)

(The charge for a fraction of a one-tenth mile is determined on the (N) basis of the ratio of the number of feet in question to 528 feet.) (N)

3. Real estate subdivisions: Extensions made to outside plant into tracts or sub divisions will be made on the basis of a special contract, based on actual costs, between the Company and the owners of the real estate or the subdivider thereof.

CONDITIONS

- Line extension charges are applicable in connection with all classes, types and grades of service when established by means of an extension to the Company's plant consisting of buried wire, pole construction or power line carrier and including extensions, by means of poles to be owned by the Company jointly with others and by means of contacts or contact space on poles of others.
- 2. All line extensions will be owned and maintained by the Company. The applicant, however, if he so elects, may provide such material or perform such labor in accordance with construction standards of the Company, in lieu of the charges applicable, but in all instances the ownership of facilities shall be entirely vested in the Company.
- 3. Distances mentioned in this schedule are route distances. The routing of line extensions will be determined by the Company and will be the shortest and most logical route possible.

Advice No. 85-14

Issued November 4, 1985 Effective December 5, 1985

Issued By Telephone Utilities of Washington, Inc.

By John D. McGraw

Title Manager, Access Tariffs

T 1T: T 16/02/20

WN U-1

TELEPHONE UTILITIES OF WASHINGTON, INC.

SCHEDULE 13

LINE EXTENSION SERVICE

CONDITIONS

- Line extension charges will be paid before construction is started.
- 5. In the event that new customers, or a new customer, are added to a line extension within two years of its completion, the line extension charges will be recomputed to include the subsequent customers. Credit, in the form of a cash payment, will be allowed the original customers for the difference in previous payments and the new charges.
- When a customer on a line extension project disconnects his service, no refund is made of the charges.
- 7. A departure from the rates and special conditions specified in this schedule may be made on behalf of the Company when a line extension involves unusual or disproportionately large construction expenditures. Charges under this condition will be actual cost of construction.

A line extension into a real estate subdivision (Rates 3) will be made by the Company upon payment in advance by the owner or subdivider of the total estimated cost of such extension. The amount advanced will be refunded to the owner or subdivider based on a prorated share of the total payment which is calculated by dividing the total amount of the advance by the number of lots or residential(C) units in the subdivision or development. Refunds by the Company to (C) the owner or subdivider will be made as each permanent service is connected. Contract periods for such refunds shall not be more than five (5) years.

Advice No. 87-11

Issued April 3, 1987 Effective May 4, 1987

Issued By Telephone Utilities of Washington, Inc.

By John D. McGraw

Title Manager, Access Tariffs